

- > user manual
- > manuel d'utilisation
- > manual del usuario
- > gebruikershandleiding
- > Benutzerhandbuch
- > manuale per l'utente
- > manual do usuário
- > instrukcja obsługi
- > felhasználói útmutatók
- > 用戶手冊

- > 用戶手冊
- > 사용 설명서
- > 取扱説明書
- > användar-handbok
- > brugermanual
- > käyttöoppaita
- > **εγχειρίδιο χρήσης**
- > руководство пользователя
- > uživatelské příručky
- > používateľské príručka

MP3

256MB DIGITAL AUDIO PLAYER

type number: PSA220

MP3MAX

512MB DIGITAL AUDIO PLAYER

type number: PSA250



INNOVATION FOR ATHLETES

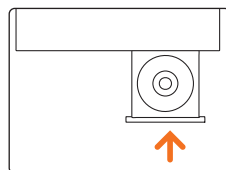
PHILIPS

Preparations

①

Install

Insert the supplied CD into your computer's CD-ROM drive.
Follow screen instructions to complete installation.



ATTENTION!

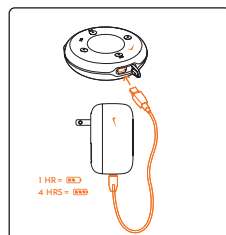
WINDOWS 98 USERS:

To avoid installation problems, **DO NOT CONNECT** your player to your computer until **AFTER** installation completes.

②

Charge

Open the USB cover. Connect the supplied charger to the USB port and the main power supply. For extended battery power, please charge for at least 4 hours for first time use.



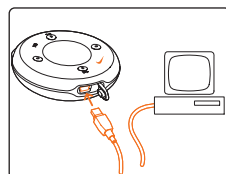
TIP

This indicator  shows your battery information during charging.

③

Connect player to computer

Open the USB cover. Connect your player to your computer using the supplied USB cable.



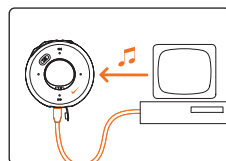
TIP

Please refer to your computer's manual for the exact position of your USB port. Look for the USB symbol on the processing unit of your computer.

④

Organize and transfer music via DMM

Launch DMM on your PC from Windows desktop or **Start** menu.
Use DMM to organize your music.
Transfer music files from your computer to your player.



⑤

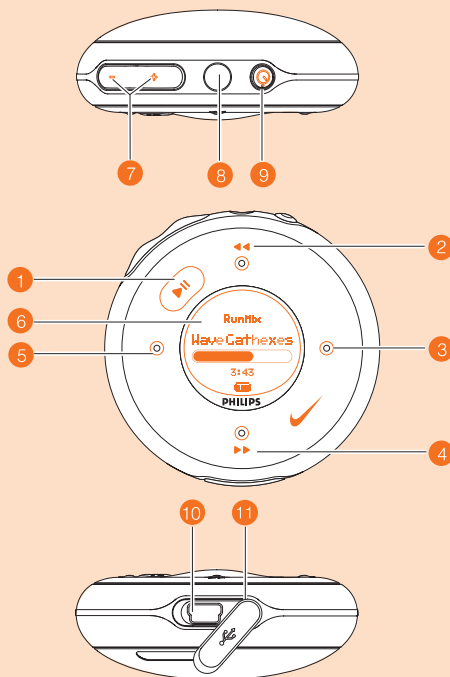
Unplug safely

To avoid loss of data, disconnect your player safely.
Exit **DMM**. Click  on the task tray.
Remove the USB cable.

⑥

Power on and enjoy!

Press and hold  for 2 seconds to power on if the player does not power on automatically. Enjoy your new music experience!

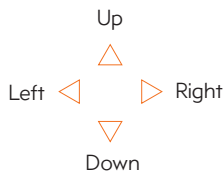
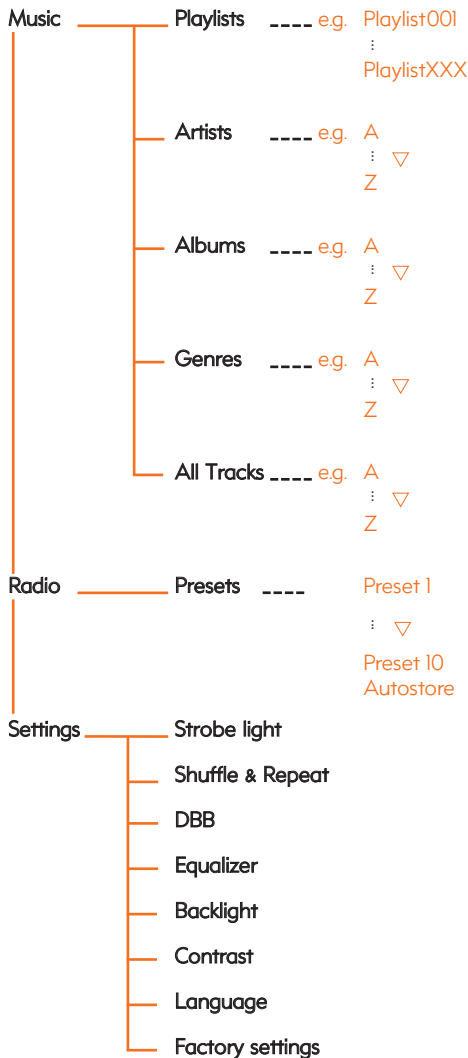


Name of Parts

- | | | |
|---|-----------------------------------|---|
| ① | ▶ | Press and hold to power on / off, press briefly to play / pause |
| ② | △, ◀ | Up / Previous / Fast rewind |
| ③ | ▶ | Right |
| ④ | ▽, ▶▶ | Down / Next / Fast forward |
| ⑤ | ◀ | Left |
| ⑥ | LCD display | Dynamically displays menu, options and track information |
| ⑦ | - / + | Volume control, press - to decrease, press + to increase |
| ⑧ | Headphones jack | Connects headphones or waistband remote control |
| ⑨ | ⌛ | Stop watch, press to start, pause, or reset stop watch |
| ⑩ | USB port / Charging socket | Connects to computer / charges your player |
| ⑪ | USB cover | Protects USB port / Charging socket |

Menu Navigation

- ① Press and hold  to power on.
Press and hold  for the root menu.
- ② See specific chapters for details of each setting.



Music Mode: Basic Operation

- 1 Press and hold  to power on. From the root menu, press  to enter the music mode. Any radio playback will stop as you enter the music mode.



- 2 Press  to scroll up or  to scroll down for your option. Press  for next or  for previous levels of library. Press  to play.



Library options



Artists list

- 3 Press  to pause during playback.



Playscreen

- 4 Press  for the previous or  for the next track. Press and hold  to fast forward or  to rewind in a track during playback.
- 5 Press and hold  to power off. Your player will save your current music playback status and resume next time you power on.



TIP

Your music playback status will be erased when you connect your player to your computer.

Music Mode: Library Options and Fast Scrolling

- ① Press Δ to scroll up or ∇ to scroll down for your library option.



Press $\triangleright$ on **Artist** to display the artist library

- ② Press $\triangleright$ for the next or $\triangleleft$ for the previous level of library.



Artists list in alphabetical order

- ③ Press and hold ∇ for 3 seconds to scroll down quickly.
Press and hold Δ for 3 seconds to scroll up quickly.
Release button to stop scrolling.



Browsing tracks quickly.



TIP

To display library options during playback, press and hold $\triangleleft$ for the root menu.
The playscreen (see page 4) will appear again when you have stopped browsing.

Radio Mode: Automatic Tuning

- ① From the root menu, press ▽, ▷ to enter the radio mode. Any music playback will stop as you enter the radio mode.



- ② Press ▽ to scroll down to **AUTO SEARCH**. Press ▷||| to automatically select the 10 strongest radio stations. Press ◀ to abort **AUTO SEARCH**.



Radio mode, no station stored



Automatic tuning

Stations tuned

- ③ Press △ to scroll up or ▽ to scroll down for your preset. Press ▷||| to play the selected station.



TIP

No stations are tuned if you are using your player for the first time.

Radio Mode: Manual Tuning

- ① Press $\triangle$ to scroll up or ∇ to scroll down for your preset.



Radio preset menu

- ② Press $\triangleright$ to play the selected station.
Press ∇ or $\triangle$ to fine tune (tune step by step).
Press and hold ∇ to search for the next available station.
Press and hold $\triangle$ for the previous available station.
Press $\triangleleft$ to abort searching.



Manual tuning

- ③ Press $\triangleright$ to save your setting.



Station stored



TIP

If you want to discard the newly searched station, press $\triangleleft$ to exit the radio menu.

Settings Mode

- ① From the root menu, press ▽, ▽, ▷ to enter the settings mode.

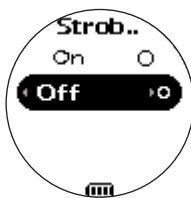


Settings mode

- ② Press △ to scroll up or ▽ to scroll down for your setting. Press ▷ for next or ◀ for previous levels of options.



Repeat / Shuffle



Strobe light



Equalizer

- ③ Press ▷ to confirm your selection.

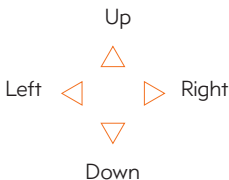
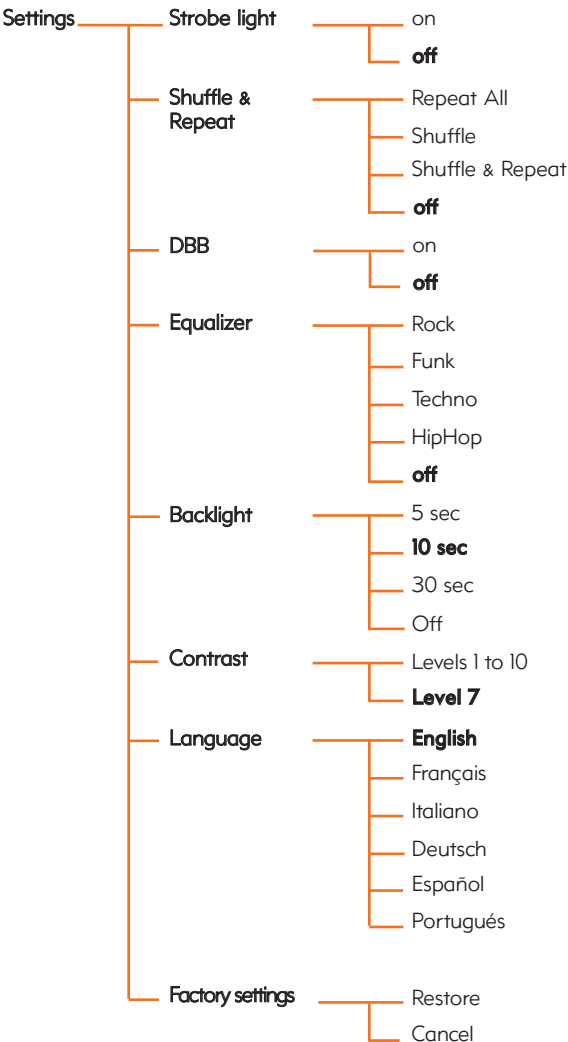


TIP

To display player information, select and highlight **Factory settings**, press and hold ▷ for 2 seconds. The information screen will tell you the model number and free space available on your player.

Advanced Settings and Actions

You can adjust the following settings from the settings mode.
Press  to scroll up or  to scroll down for your setting.
Press  for next or  for previous levels of options.
Press  to confirm your selection.



Default setting in **bold**.

Stop Watch Mode

- ① From any player mode, press  to start the stop watch.



Stop watch mode

- ② Press  to pause the stop watch. Press  again to resume the stop watch.
- ③ Press and hold  to exit stop watch mode.



TIP

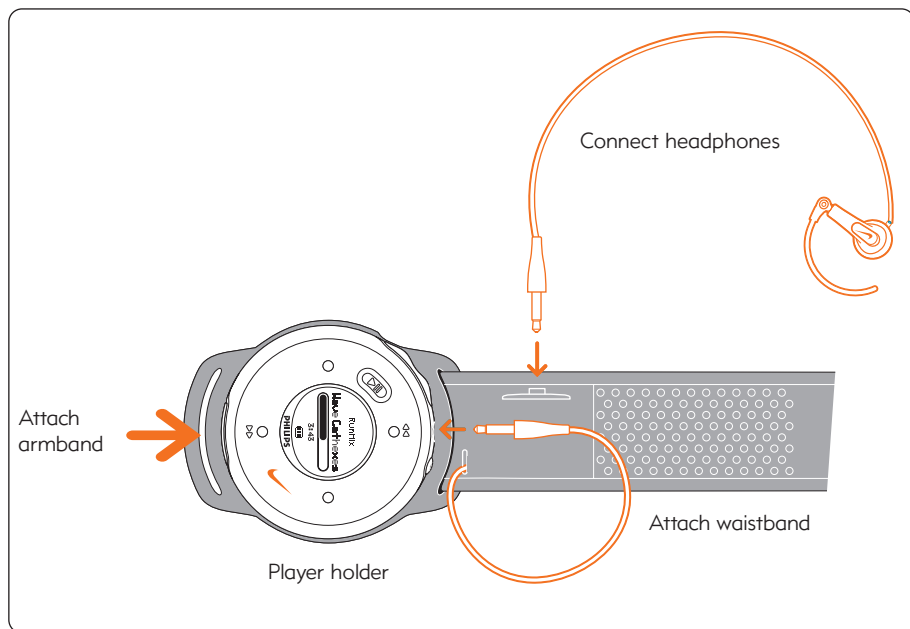
Music or radio playback is not affected when you start your stop watch.
Stop watch count will be displayed at the bottom of your music or radio screen.

Strobe Light

Strobe light is an illumination technology setting that allows the backlit LCD display to gradually radiate bursts of light, enhancing visibility of the runner in low light conditions. (see p.9 for more information)

Armband and Waistband Remote Control

(availability subject to regions)



TIP

Use armband and player holder to wear player on your arm.
Use armband, waistband remote control and player holder to wear player on your waist.



TIP

The controls of your waistband remote control works just like those on your player during music playback.

About Digital Media Manager (DMM)

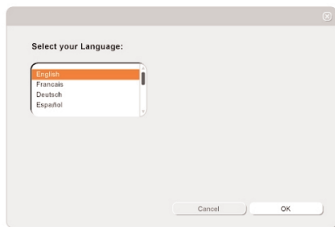
Digital Media Manager contains all the necessary software components you need to work properly with your player. These include:

- playlist creation
- MP3 / WMA transfer for playback on player
- paths and supporting link for DMM software and player firmware upgrades.

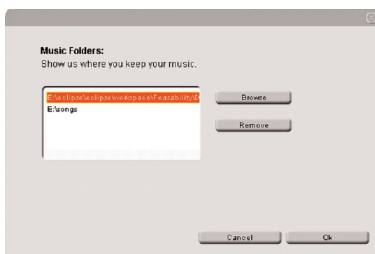


Install DMM

- ① Insert the supplied CD into your computer's CD-ROM drive.
- ② Follow screen instructions to begin and complete DMM installation.
- ③ Launch DMM to customize your settings when prompted to do so.



Select DMM's display language*



Specify one or more music folder*

Launch DMM (player connected)

- 1 Open the USB cover.
Connect your player to your computer using the supplied USB cable.
The USB connection screen will automatically appear.



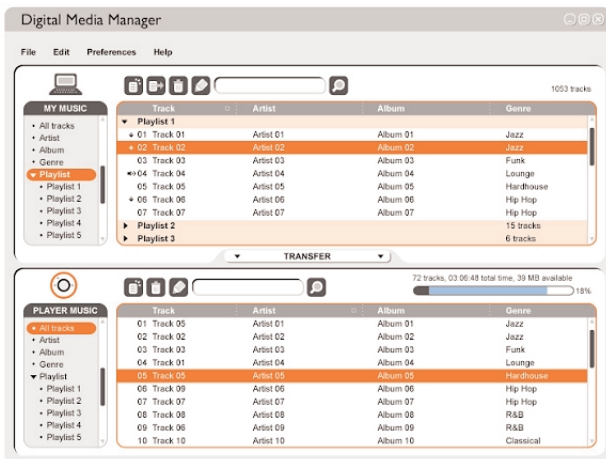
TIP

Please refer to your computer's manual for the exact position of your USB port.
Look for the USB symbol on the processing unit of your computer.

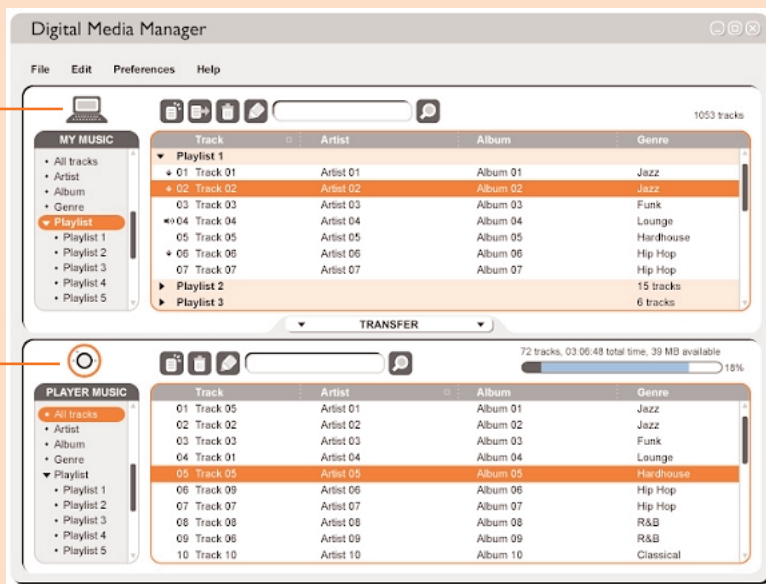
- 2 Launch DMM. (see page 15 for first time launch settings)



- 3 Organize your music and playlists in DMM.



- 4 Transfer your music from DMM to your player.



*Actual display varies with use

The mainscreen (player connected)

① **MY MUSIC:** displays the contents of your music folders; click on  to minimize / maximize.

② **PLAYER MUSIC:** displays the contents of your player; click on  to minimize / maximize.

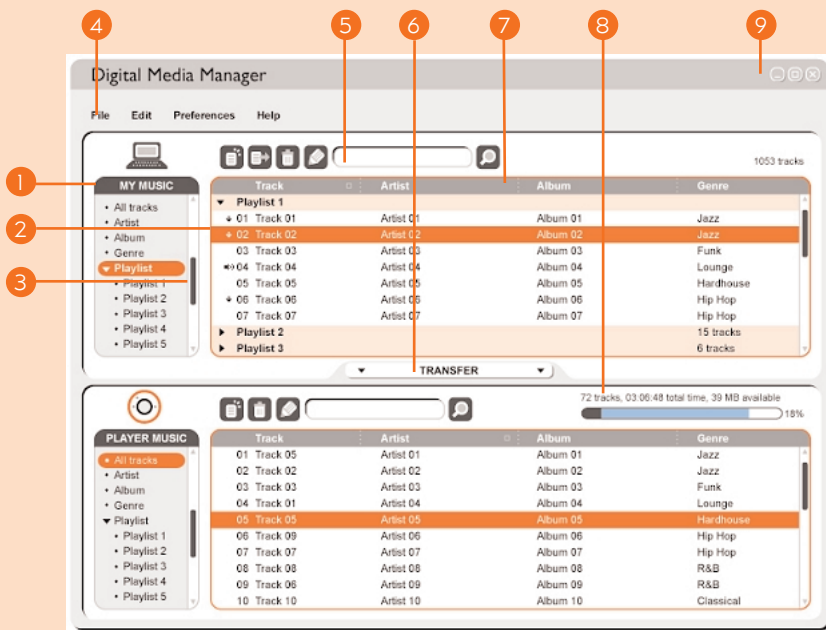
 **New playlist:** creates a new playlist.

 **Import music:** adds music or playlist.

 **Trash:** deletes selection.

 **Edit ID3 tag:** edits track information of selected track.

 **Search:** searches for music from **MY MUSIC** and / or **PLAYER MUSIC**.



*Actual display varies with use

Selector panel and content panel

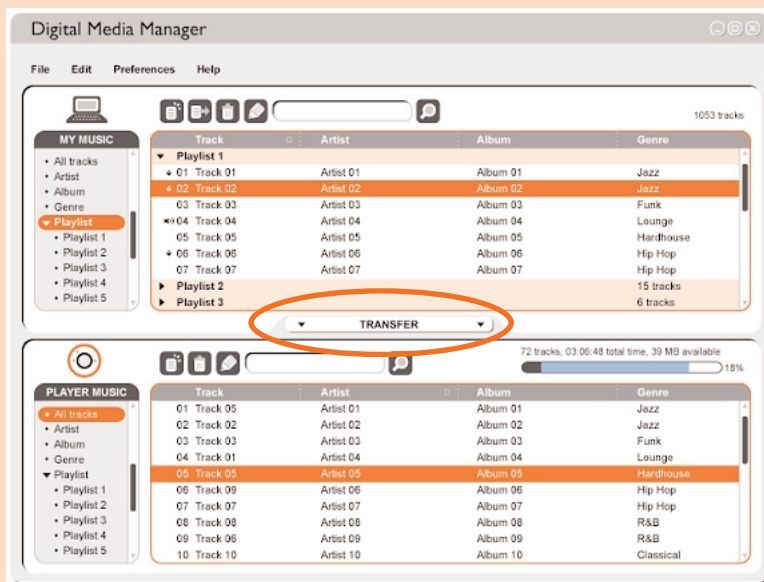
- ① **Selector panel:** arranges the display order of the content panel.
- ② **Content panel:** displays the contents of **MY MUSIC**, highlight to drag from **MY MUSIC** and drop to **PLAYER MUSIC**.
- ③ **Scroll bar**
- ④ **Pull down menus**
- ⑤ **Text area:** type your search criteria here.
- ⑥ **TRANSFER:** transfers highlighted tracks and / or playlists.
- ⑦ **Header separator:** resizes column width.
- ⑧ **Player memory indicator:** shows available memory on your player.
- ⑨ **Resizing buttons:** minimizes, maximizes DMM view / exit DMM.



*Actual display varies with use

Indicators on the content panel

- ① : expanded view, displays item contents in full.
- ② : track / playlist not on the player.
- ③ Click to highlight an item.
Press <Delete> on your keyboard to delete the highlighted item.
- ④ : indicates track is playing by DMM.
- ⑤ : collapsed view: item contains more contents to display.



*Actual display varies with use

Click and Transfer

- ① Make sure your player is connected when you launch DMM.
- ② Click and highlight an item (e.g. track, artist, album, genre, playlist).
- ③ Click on  to copy your selection from your computer to your player.
- ④ Your selection is now transferred to your player.

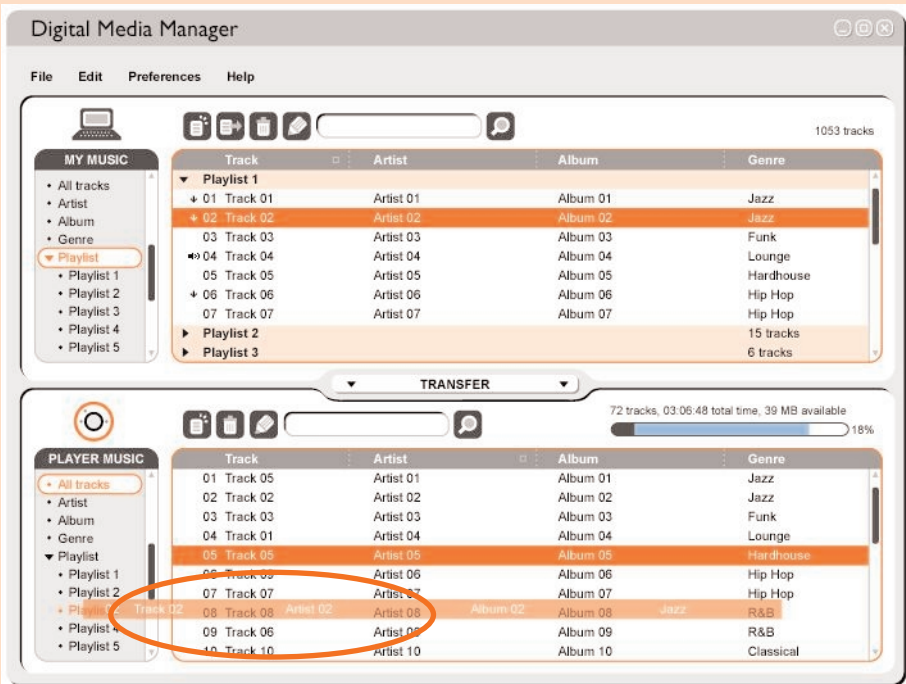


TIP

Press and hold <Ctrl> on your keyboard and click to select more than one item. To select consecutive items, click the first item, press and hold <Shift> on your keyboard, and then click the last item.

IMPORTANT: KEEP A COPY OF YOUR ORIGINAL FILES!

Please keep a copy of the original files transferred to your player. Philips is not responsible for any loss of content if the player is damaged or not readable.



*Actual display varies with use

Drag and Drop to Transfer

- ① Make sure your player is connected when you launch DMM.
- ② Click to highlight an item (e.g. track, artist, album, genre, playlist).
Drag the selection to **PLAYER MUSIC** or a specific playlist.
- ③ Your selection is now transferred to your drop destination.

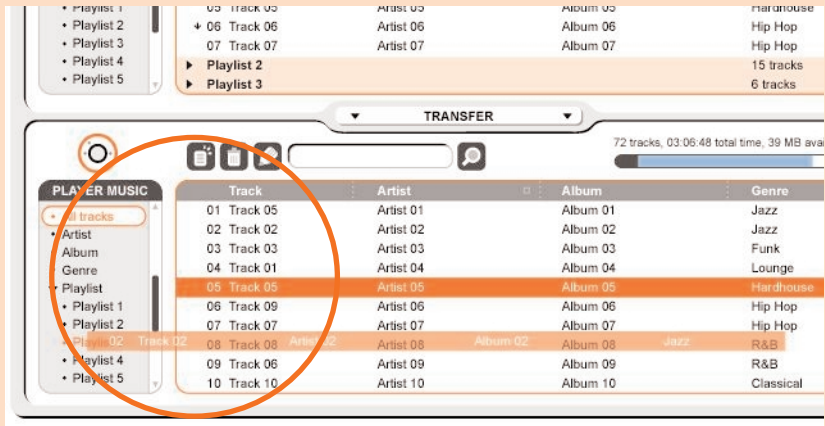


TIP

Press and hold <Ctrl> on your keyboard and click to select more than one item.
To select consecutive items, click the first item, press and hold <Shift> on your keyboard, and then click the last item.

IMPORTANT: KEEP A COPY OF YOUR ORIGINAL FILES!

Please keep a copy of the original files transferred to your player. Philips is not responsible for any loss of content if the player is damaged or not readable.



*Actual display varies with use

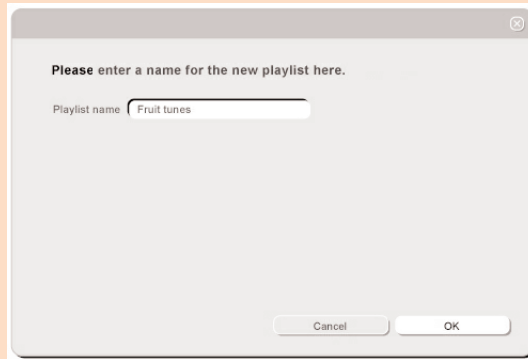
Add a Track to a Playlist by Drag and Drop

- ① Click on a track.
- ② Drag the selected track to a playlist.
- ③ Hold the mouse button and move your selection to a destination playlist.
- ④ Your selected track is now in the playlist.



TIP

Press and hold <Ctrl> on your keyboard and click to select more than one item. To select consecutive items, click the first item, press and hold <Shift> on your keyboard, and then click the last item.



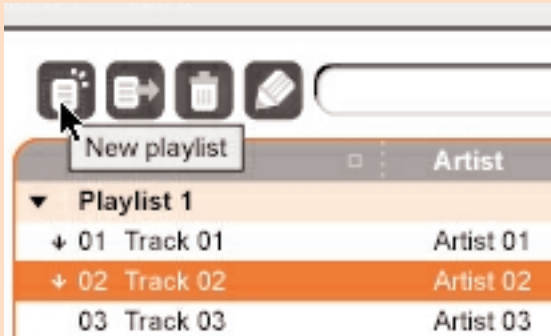
*Actual display varies with use

Create Playlists

- ① Click on  to create a new playlist.
- ② Fill in the information in the pop up window.
- ③ Follow screen instructions to save your new playlist.
You can now drag more tracks to the new playlist.

Import Playlists

- ① Click on  to import a playlist.
- ② Fill in the information in the pop up window.
- ③ Follow screen instructions to import your new playlist.
You can now drag more tracks to the imported playlist.



*Actual display varies with use

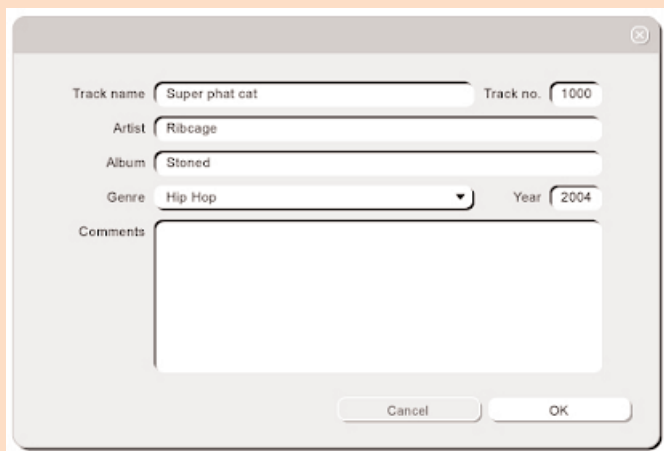
Delete Tracks and Playlists

- ① Click to highlight an item.
- ② Drag your selection to  to delete.
- ③ Alternatively, press <Delete> on your keyboard to delete your selection.



TIP

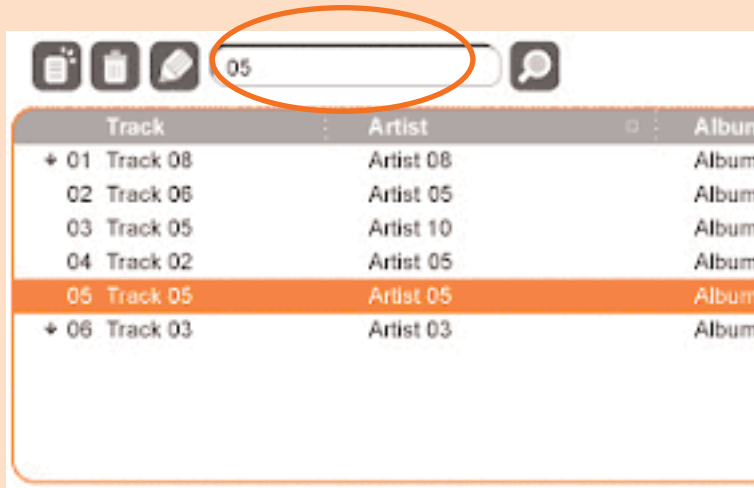
Press and hold <Ctrl> on your keyboard and click to select more than one item. To select consecutive items, click the first item, press and hold <Shift> on your keyboard, and then click the last item.



*Actual display varies with use

Edit Track Information

- ① Click on a track to edit its information.
- ② Click on  to call up the **ID3 Tag Editor**.
- ③ Click on the text boxes of **Track name**, **Track number**, **Artist**, **Album**, **Genre**, **Year**, **Comments** to edit relevant information.
- ④ Click on **OK** to save the information. Click **Cancel** to discard changes made.



*Actual display varies with use

Search for Tracks or Playlists

- ① Type a search string in the **Search** field.
- ② Click on  to start searching.
- ③ You will see tracks and / or playlists that contain the search string.
- ④ You can transfer, delete or drag and drop these tracks as described in previous sections.
- ⑤ Click on the **Selector panel** to exit the search view.



TIP

Deleting items from the searched results will delete them from your library!

DMM Menus and Actions

Use menus to customize DMM:

File

Refresh contents	For updating the latest status of the selected window
Start player link/ Stop player link	For disconnecting your player from DMM
Quit	For exiting DMM

Edit

Track information	For editing track information (see page 27 for more information)
User and player name	For changing the names of the user and your player

Preferences

Language	For selecting a language for DMM
Music folders	For adding, deleting or re-arranging your Music folders
Transfer options	For selecting transfer options
Player firmware	For checking, upgrading and restoring player firmware
Upgrade DMM	For checking and upgrading DMM

Help

DMM Help	For additional help and tips
Support	For instant access to support site
About DMM	For software version information
About Player	For player information



TIP

The menus will call up various messages or windows where you need to input some information. Follow screen instructions to complete your settings.

Make Use of the Different Views

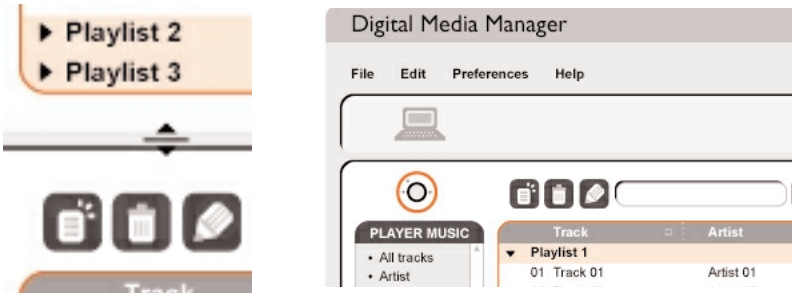
DMM provides different view options. This is to minimize content refreshing time. There are a few ways to customize DMM views.

① Section icons

You can click on  or  to expand or minimize respective content panels.

② Border area

Drag the border area between **MY MUSIC** and **PLAYER MUSIC**. When the content panel is reduced to a certain size, the content panel will only show the section icon.



③ Drop Zone

When **PLAYER MUSIC** is minimized, you will see a **Drop Zone**. You can drag selected items and drop them here. Note that the **Drop Zone** icon turns grey when player memory is full.



Display Tracks Your Way

① **Sorting**

You can click on the contents header (Track, Artist, Album, Genre) to arrange music tracks according to the order you selected.

Artist	Album
Artist 01	Album 01
Artist 02	Album 02
Artist 03	Album 03
Artist 04	Album 04
Artist 05	Album 05
Artist 06	Album 06

② **Detailed / summary view**

Click on the  next to the contents header to turn on / turn off detailed display of item contents.

detailed view

▼ Playlist 2

01 Track 01 Artist 01

02 Track 02 Artist 02

↓ 03 Track 03 Artist 03

↓ 04 Track 04 Artist 04

05 Track 05 Artist 05

06 Track 06 Artist 06

summary view

▶ Playlist 3

▶ Playlist 4

Upgrades

We know you will enjoy your product for a long time. For best performance, we recommend that you regularly check in to www.nike-philips.com for free upgrades of the latest software and firmware for your product.

Firmware Upgrade

Your player is controlled by an internal program called **firmware**. You can download and install the latest firmware to keep your player updated.

- ① Click **Preferences → Player Firmware → Upgrade Firmware**. This will give you further information on how to download and upgrade your player firmware.
- ② Follow screen instructions to complete firmware upgrade.



TIP

Because you are updating the program of your player, please make sure your player is connected to your computer before you launch DMM. Keep it connected during the firmware upgrade process.

DMM Upgrade

DMM is the software that enables best interactions between your player and your computer. Keep it updated by doing upgrades.

- ① Click **Preferences → Upgrade DMM**. This will give you further information on how to download and upgrade your DMM.
- ② Follow screen instructions to complete DMM upgrade.

Uninstall DMM

- ① Close all applications, including DMM.
- ② From the **Start** menu, go to **Control Panel**. Select **Add / Remove Programs**. Select DMM from your currently installed programs to uninstall.
- ③ For further information on uninstalling programs, please refer to Windows' user manual.

Troubleshooting (I)

If a fault occurs, first check the points listed. For further help and other troubleshooting tips, please also check out FAQ for your player at www.nike-philips.com. If you are unable to find a solution from these hints, consult your dealer or service center.

WARNING:

Under no circumstances should you try to repair the set yourself, as this will invalidate the warranty.

Problem	Cause	Solution
Cannot power on player	Battery drained	Charge the battery (See page 1, step 2)
	Loose key press	Press and hold ▷◁ for 2 seconds
	USB connected	Disconnect player from computer (See page 1, step 5)
 Problem. Please connect to computer.	Firmware error	Connect player to computer and restart DMM
	Database error	Connect player to computer and restart DMM
USB doesn't work	Loose connection	Check connection
	USB driver not installed	Windows 98SE user only: install the USB driver provided in by-packed CD
Player does not respond	Player busy	Press and hold [VOLUME +] and △ to reset. Press and hold ▷◁ for 2 seconds to power on again if the power on screen does not appear automatically
	Automatic power off	Your player automatically powers off if there is no operation and no music played within 20 seconds. Press and hold ▷◁ to power on.

Troubleshooting (2)

Problem	Cause	Solution
Cannot play track	Track format not supported	Your player is not able to play AAC encrypted or WMA songs bought from the internet. Since it is possible for you to upgrade your product, we recommend that you register your product on www.nike-philips.com/register so we can inform you as soon as new free upgrades become available.
	Tracks were copied from your computer to your player using drag and drop in Windows Explorer or Finder	Your player will play tracks only if they are transferred using the by-packed music management software
Tracks not shown in by-packed music management software	Track format not supported	Ensure that all your music on your computer is in formats supported by your player.

Safety and Maintenance

Take care when using headphones

Hearing safety:

Listen at a moderate volume. Using headphones at high volume can impair your hearing.

Traffic safety:

Do not use headphones while driving or cycling as you may cause an accident.

Take care when using strobe light

Do not look directly into the strobe light for prolonged period as this may cause damage to your eyes.

General maintenance

To avoid damage or malfunction:

- Do not expose to excessive heat caused by heating equipment or direct sunlight.
- Do not drop your player or allow objects to fall on your player.
- Do not allow your player to be submersed in water. Do not expose earphone socket or battery compartment to water as water entering the set may cause major damage.
- Do not use any cleaning agents containing alcohol, ammonia, benzene, or abrasives as these may harm the set.
- Active mobile phones in the vicinity may cause interference.

Using DMM

Avoid the risk of corrupting and losing data with the following precautions when using DMM:

- Never disconnect the USB cable while file transfer is in progress.
- Never close DMM while file transfer is in progress.
- Operate using one file management system only. When transferring files, do not attempt to transfer files via Windows Explorer / Finder whilst waiting for transfer to complete on DMM.
- Do not delete any track via Windows Explorer / Finder when file transfer is active in DMM. If you wish to delete a file, please only do so from either DMM or from Windows Explorer / Finder after file transfer completes.

Using the power adapter / charger

- Use only the power adapter that came with your player. Adapters for other electronic devices may look similar, but they may damage your player.
- The only way to shut off power completely to your power adapter/charger is to disconnect it from the power source.
- Always leave space around your power adapter. Do not use this equipment in a location where airflow around the power adapter is confined, such as a bookcase.
- When connecting or disconnecting your power adapter, always hold the power adapter by its sides. Keep fingers away from the metal part of the plug.
- The power adapter for your player is a high-voltage component and should not be opened for any reason, even when your player is off.

Environmental information

We have reduced the packaging to its minimum and made it easy to separate into materials: cardboard, PS, PE, PET.

Your set consists of material which can be recycled if disassembled by a specialized company. Please observe the local regulations to dispose of packaging, exhausted batteries and old equipment.

Notice for the USA



Note:

This equipment has been tested and found to comply with the limits for a **Class B** digital device, pursuant to **part 15** of the **FCC Rules**. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

This Class B digital apparatus complies with Canadian ICES-003.

This product complies with the radio interference requirements of the European Community.

Modifications

Modifications not authorized by the manufacturer may void user authority to operate this device.

Copyright information

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Technical Data

General

Dimension	27 (D) x 27 (H) x 71 mm
Weight	70g

Power supply

Built-in 600mAh Li-ion rechargeable battery
Multi-voltage AC power adapter / charger

Battery playtime

12 hours using built-in rechargeable battery (4 hours fully charged, 1 hour fast charge)
*Battery life may vary according to use.

Display White Backlight LCD

Indications Album name, artist name, battery status, DBB, frequency, pre-set station, time, track

Sound	Bass enhancement	Dynamic Bass Boost
	Equalizer settings	Funk, Hip hop, Rock, Techno
	Frequency Response	20 - 20 000 Hz
	Output power (RMS)	2 x 5 mW (16 Ω)
	Signal to noise ratio	>80
	Volume control	Digital

Audio Playback MP3 (8 - 320 kbps and VBR)
WMA (32 - 192 kbps)

ID3-tag support Album title, genre title, track title and artist name

Storage Media Mass storage class, 256MB* NAND Flash (psa 220), 512MB* NAND Flash (psa 250)
Music memory capacity:
psa 220: up to 60 MP3 tracks (128kbps) or 120 WMA tracks (64kbps)
psa 250: up to 125 MP3 tracks (128kbps) or 250 WMA tracks (64kbps)
* Actual formatted capacity will be less.

Tuner	Frequency range	87.5 - 108 MHz
	Station presets	10
	Tuner bands	FM stereo

Connectivity 5V DC, headphones (3.5mm line-out), remote control, USB 1.1

Music transfer via DMM for music playback

File transfer via Windows Explorer (PC) of data in general

Accessories (availability subject to regions)

AY4102	AC/ DC adapter
AY4208	Armband
AY4207	Carrier
SBC HJ030/77	Headphones
AY3192	USB cable
AY4002	Waistband remote control

The type plate is at the back of the set.

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